

















ON-HIGHWAY VEHICLE ENGINE SERVICE COVERAGE MATRIX

Matrix Effective February 1, 2001

	MED. DUTY 3118,3126,3208	HEAVY DUTY 3408,3308,3178 C-10,C-12,C-15,C-18	HEAVY DUTY 3176,3308,3408 C-10,C-12, C-15,C-18	MED. DUTY 3118,3126,3208	HEAVY DUTY 3176,3308,3408 C-10,C-12,C-15,C-18	MED. DUTY 3118,3126,3208	HEAVY DUTY 3176,3308,3408 C-10,C-12, C-15,C-18	MED. DUTY 3118,3126,3208	HEAVY DUTY 3176,3308,3408 C-10,C-12, C-15,C-18		
	ESC II	ESC I	ESC II	ESC PLUS	ADVANTAGE	ADVANTAGE	ADVANTAGE	OPT.	REMAN	REMAN	
ITEM	PROGRAM START DATE	04-1-1995	May 1, 1998	May 1, 1998	Apr 1, 1999	Oct 1, 1995	JAN 1, 2001	JUL 1, 1997	Apr 16, 1993	Jul 1, 1997	Mar 1, 1998
HEUI SYSTEM 3126/3176/3408											
HEUI ECU/MEU (Unit Injectors) and Hold Down Hardware	NO	NO	NO	NO	NO	NO	NO	YES-3	NO	NO	NO
Nozzles, Seal, Seal, Gaskets, O-Rings, Jumper Tubes (3126)	YES	NO	N/A	NO	NO	NO	NO	YES-3	NO	NO	N/A
Injection Pump, Governor & Governor Mounting Base	YES	YES	YES	YES	NO	NO	NO	NO	YES	YES	YES
Fuel Manifold & Mounting Seals	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Fuel Transfer Pump	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Fuel Priming Pump	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Fuel Ratio Control	YES	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO
Fuel Injection Lines, Adapters, & Seats	YES	NO	YES	YES	NO	NO	NO	NO	YES	YES	YES
Timing Advance	YES	NO	YES	YES	NO	NO	NO	NO	YES	YES	YES
Governor & Control Pack (3118,3126,3208)	NO	N/A	N/A	NO	NO	NO	NO	NO	NO	N/A	N/A
LUBRICATION SYSTEM 3126/3176/3408											
Oil Pan, Oil Pan Plate	YES	NO	YES	YES	YES	YES	YES	YES-2	YES-2	YES	YES
Oil Pump, Oil Pump Seal, Oil Pump Gaskets	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Dipstick Guide, & Location Seal Plugs	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Oil Cooler Housing, Bonnet	YES	YES	YES	YES	YES	YES	YES	YES-2	YES-2	YES	YES
Oil Cooler Core	YES	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO
Oil Filter Base	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
HEUI High Pressure Oil Lines, Oil Pump, & Injector Actuation Pressure Control Valve	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
COOLING SYSTEM 3126/3176/3408											
Thermostat Housing and Cover	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Thermostat	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Water Pump, Seals and Gaskets	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Water Pump Hoses & Clamps	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Water Manifold Housing	YES	NO	YES	YES	NO	NO	NO	NO	NO	NO	YES
ECU/ECM (Electronic Control Unit)											
ECU Module (ECM)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
ECM (Electronic Control Unit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Transducer Module	N/A	N/A	NO	YES	NO	NO	NO	NO	NO	NO	NO
Road Speed Sensor	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Sensors (all engine sensors)	YES	NO	N/A	YES	NO	NO	NO	NO	NO	NO	NO
Wiring Harness and Connections	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Rock and Timing BTM	N/A	N/A	NO	YES	N/A	N/A	N/A	N/A	NO	NO	NO
Shut-off Solenoid	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
MISCELLANEOUS ITEMS											
Brake System	NO	NO	YES-3	YES-3	NO	NO	NO	NO	NO	NO	NO
Jake Brakes	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Performance Complaints & Per Tests (unless caused by covered component)											
Adjustments (Fuel System, Timing, Valves)											
All Compressor Lines, Gaskets, & Breathers											
Breather Element & Tube											
Sound Suspension Panels											
Belt Tensioner & Pulley											
Nuts, Bolts, Fasteners mailing to covered part											
Non-Caterpillar Components											
Freight Charges	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

YES-1 Components are eligible only if replaced with new Caterpillar or remanufactured parts at time of overhaul.
 YES-2 Components are eligible only if inspected and approved at time of overhaul.

YES-3 Components are eligible only if purchased as option on contract.

Gaskets not listed in this matrix are not covered under any ESC Program.

This matrix is published for quick reference only and is not an all-inclusive list of covered components for each warranty coverage program. Dealers should reference the book of each program's registration certificate for complete listing of covered components.

LEET824-03

EXHIBIT

ON-HIGHWAY VEHICLE ENGINE SERVICE COVERAGE MATRIX

Sterling Truck Number Assignment							2/2/00	
CATERPILLAR ON-HIGHWAY VEHICLE ENGINE EXTENDED SERVICE COVERAGE FORM								
	Fleet #	Model	H/P	Engine #	VIN #	Del Date	Start Miles	Plate #
1	6000	C-12	380/430	2KS27780	F57160	1/18/00	158	46406
2	6100	C-12	380/430	2KS27897	F57163	1/18/00	66	41119
3	6200	C-12	380/430	2KS27878	F57162	1/18/00	70	46407
4	6300	C-12	380/430	2KS27936	F57181	1/18/00	156	40016
5	6700	C-12	380/430	2KS27904	F57165	1/18/00	1500	26432
6	6800	C-12	380/430	2KS27955	F57170	1/18/00	1700	26443
7	6900	C-12	380/430	2KS28378	F57179	1/18/00	150	26440
8	7100	C-12	380/430	2KS27844	F57180	1/18/00	60	26446
9	7400	C-12	380/430	2KS27905	F57174	1/18/00	72	26449
10	7500	C-12	380/430	2KS27999	F57168	1/18/00	61	26434
11	7600	C-12	380/430	2KS27877	F57161	1/18/00	66	26435
12	7700	C-12	380/430	2KS28368	F57175	1/18/00	80	26437
13	7800	C-12	380/430	2KS27861	F57171	1/18/00	1512	26441
14	7900	C-12	380/430	2KS27956	F57169	1/18/00	1543	26448
15	8000	C-12	380/430	2KS27857	F57172	1/18/00	1680	26438
16	8100	C-12	380/430	2KS28276	F57167	1/18/00	1487	26436
17	8300	C-12	380/430	2KS27914	F57173	1/18/00	67	26439
18	8400	C-12	380/430	2KS27953	F57178	1/18/00	66	26445
19	8500	C-12	380/430	2KS27893	F57164	1/18/00	69	26447
20	8600	C-12	380/430	2KS27931	F57166	1/18/00	71	32946
21	9700	C-12	380/430	2KS27835	F57176	1/18/00	1520	29934
22	9800	C-12	380/430	2KS27791	F57177	1/18/00	66	29933



ON-HIGHWAY VEHICLES

ON-HIGHWAY VEHICLE ENGINE EXTENDED SERVICE COVERAGE

Registration Certificate For Units Operating In The U.S.A. And Canada
 For Mid-Range and Heavy Duty On-Highway Truck, School Bus, Recreational Vehicle,
 Fire Truck or Crash Rescue Engine Applications
 (Program Effective Date May 1, 1998)

PRESS HARD
 YOU ARE MAKING 3 COPIES

CUSTOMER NAME

T A U C C E S S S E R V I C E

MAILING ADDRESS

7 C L E A S T E L L A N G

CITY

H I L L C O M M U N I

STATE/PROVINCE

M A

ZIP/POSTAL CODE

0 1 3 2 7

PHONE NUMBER

5 0 8 - 7 9 1 - 1 9 5 1 2 1

SELLING DEALER NAME

M I N U T E M A N

SELLING
DEALER CODE

A 7 3 7

SELLING DEALER ADDRESS

R O U T E 1 0 1

CITY

A H L P O L E

STATE/PROVINCE

M A

ZIP/POSTAL CODE

1 0 2 0 0 0 1

CAT DEALER NAME

S I C O U T H N O R T H A

CAT DLR. CODE

C 1 3 0

TYPE OF REGISTRATION

New Registration

Transfer Ownership

Upgrade Coverage

Warranty Replacement Engine

Replacement Engine S/N

Start Miles (km) 66Delivery MM/DD/YYYY
Date 01/15/2000

APPLICATION

On-Highway Truck

School Bus

Recreational Vehicle

Fire Truck

Crash Rescue

Other

Transfer Miles (km): 1117 # 9800Transfer MM/DD/YYYY
Date 1/1Engine S/N 2K527791Engine Model G-122 8 0 1
HP 510VIN F571077Vehicle Make I S T E R L I N GVehicle Model L T 9 5 0 0

COVERAGE (Reference On-Highway Vehicle Engine Price Matrix for Model/Coverage Availability)

ESC I With Brakesaver add \$250
 ESC II
 ESC Plus
 ESC II MIDRANGE

SEE ATTACHED MULTI-UNIT
REGISTRATION FORMS

Coverage Months 60 Coverage Miles 300,000 Coverage Hours 1000 Deductible -0-

COVERAGE FEES

ESC FEE	<u>\$1150</u>
BRAKESAVER FEE	<u>\$</u>
ADMIN. FEE	<u>\$</u>
LATE FEE	<u>\$</u>
TOTAL FEE	<u>\$1150</u>

IMPORTANT!!

Please ensure you are using the latest version of the On-Highway Vehicle Engine Price Matrix.

T C C I 4 3 7 2 9

I hereby certify that I have read and understand the terms and conditions checked above, and as specified on the back of this Registration Certificate.

Date 1/1/01

I hereby certify that the engine serial number indicated above is eligible for the coverage as specified on this Registration Certificate and have read and understand the dealer's responsibilities as specified on the back of this Registration Certificate.

Authorized Ds. Representative Date 1/1/01

Customer Signature

I. INTRODUCTION

Caterpillar's Extended Service Coverage for On-Highway Vehicle Engine Service Contract, herein referred to as "Service contract", for new vehicles powered with Caterpillar engines is an important part of Caterpillar's continuing effort to provide Caterpillar Vehicle Engine Owners with superior value and product support. This service contract provides the Owner assurance against unexpected repair costs for covered component failures due to defects in materials or workmanship under normal use.

II. TERMS AND CONDITIONS

This service contract is available for new vehicles powered with Caterpillar Mid-Range and Heavy Duty On-Highway Vehicle Engines, herein referred to as "new vehicle(s)". This service contract is only available for use within the continental boundaries of the United States and Canada.

The Owner should purchase this service contract on the original delivery date of the new vehicle at a Caterpillar authorized dealer herein referred to as "authorized dealer". The applicable start mileage and date must be recorded on this Service Contract.

This service contract runs concurrently with the Caterpillar On-Highway Vehicle Engine Warranty and provides full components and labor coverage for covered component failures due to defects in Caterpillar materials or workmanship under normal use. Expiration of this contract will occur when the time or mileage from the original delivery date exceeds the coverages as specified on this Service Contract.

All components listed below are covered under these programs except the applicable exclusions listed under Section VI, Exclusions & Limitations.

A. MID-RANGE EXTENDED SERVICE COVERAGE (ESC II)

ESC II for Mid-Range is available in two different deductible:

- Option 1 Caterpillar will pay 100% of the components and labor charges for covered failures, with no deductible charges.
- Option 2 Caterpillar will pay 100% of the components and labor charges for covered failures, less a \$500 deductible charge per service visit.

The following components are covered under the Mid-Range ESC II: exhaust manifolds, intake & gaskets, inlet air heater & relay, intake manifolds, cylinder head casting, exhaust/injector sleeves, cylinder head bolts, cylinder head gaskets, freeze plug, intake & exhaust valves, valve spring, piston guide, retainer, & retainer, valve mechanism (including rocker arm, brackets, bridges, dowels, adjusting screws, nuts, shell, & push tubes), valve cover & base, camshaft, camshaft bearings, camshaft filter assembly (followers clip), front covers & plates, front cover gaskets, front cover gears & power steering gear, flywheel housing, flywheel housing gasket, cylinder block casting, freeze plug, camshaft, camshaft - rod, main, & thrust bearings, connecting rod assembly & bushing, piston (wrist pin, retainer clip, & piston rings), oil jet tube, main bearing cap bolt, crossover tubes (3126), fuel injection pump & governor, fuel injection pump mounting seal, fuel ratio control, fuel lines, timing advance, control rack (3116), oil pan, oil pump, oil cooler housing, oil cooler core, oil filter base, HEUI high pressure oil lines, oil pump, & injector actuation pressure control valve, thermostat housing cover, water pump housing, water manifold, control module (ECM), sensors (boost pressure, atmospheric intake manifold air temp, oil pressure, coolant temperature, rack & timing, fuel temperature, engine speed, & rack position), throttle position/speed sensor, speed timing sensor.

B. HEAVY-DUTY EXTENDED SERVICE COVERAGE (ESC I)

- Caterpillar will pay 100% of the components and labor charges for covered failures, with no deductible charges.

The following components are covered under the Heavy-Duty ESC I: intake manifolds, cylinder head casting, exhaust/injector sleeves, cylinder head bolts, cylinder head gaskets, freeze plug, spacer plate (block & head), spacer plate gasket, intake & exhaust valves, valve spring, piston guide, retainer, & retainer, valve mechanism (including rocker arm, brackets, bridges, dowels, adjusting screws, nuts, shell, & push tubes), camshaft, camshaft bearings, camshaft filter assembly (followers clip), front covers & plates, front cover gaskets, front cover gears & power steering gear, flywheel housing, flywheel housing gasket, cylinder block casting, spacer block (3176), freeze plug, camshaft casting, camshaft - rod, main, & thrust bearings, connecting rod assembly & bushing, piston (wrist pin, retainer clip, & piston rings), oil jet tube, cylinder liner, cylinder liner seal, cylinder liner filter band, main bearing cap bolt, fuel injection pump mounting seal, timing gears, oil pump, oil cooler housing, thermostat housing cover, water pump housing, control module (ECM).

C. HEAVY-DUTY EXTENDED SERVICE COVERAGE (ESC II)

All components listed under Heavy-Duty Extended Service Coverage I are covered plus the following:

exhaust manifold studs and gaskets, inlet air heater relay, valve cover and base, fuel injection pumps and governor, fuel ratio control, fuel lines, timing advance, oil pan, oil cooler core, oil filter base, water manifold, and shut-off solenoid.

D. HEAVY-DUTY EXTENDED SERVICE COVERAGE (ESC Plus)

- Caterpillar will pay 100% of the components and labor charges for covered failures, with no deductible charges.

All components listed under Heavy-Duty Extended Service Coverage I and Heavy-Duty Extended Service Coverage II are covered plus the following: control module (ECM), vibration damper, road speed buffer, sensors (boost pressure, atmospheric intake air temp, oil pressure, coolant temperature, rack & timing, fuel temperature, engine speed, & rack position), throttle position/speed sensor, speed timing sensor.

Expiration of this Service Contract will occur when the time, miles, or hours, whichever occurs first, from the original delivery date of the engine exceeds the coverage limits as specified on this Registration Certificate.

E. CATERPILLAR'S RESPONSIBILITIES

Caterpillar, during normal working hours at a place of business of an authorized dealer, will pay 100% of the components and labor charges, minus any applicable deductible, for the repair of covered component failures during the coverage period when due to defects in materials or workmanship under normal use.

Caterpillar will provide (at Caterpillar's choice) either new, remanufactured or repaired components when replacing or repairing covered components which fail due to defects in materials or workmanship under normal use. Further, Caterpillar will also repair the components and labor charges for any engine component which is rendered unserviceable by the failure of a covered component.

Caterpillar will restore the engine to its operating condition prior to failure by repairing/replacing only the defective components and consequential damaged components necessary to remove/repair/install the defective components. Other parts removed in process of the repair will be maintained as is, unless the Owner authorizes the additional expense to repair or replace.

Caterpillar will also pay the reasonable costs of any expendables or consumables, including but not limited to, lube oil, filter cores, hoses, vee-belts, gaskets and seals which are made unusable as a result of a covered component failure.

F. DEALER'S RESPONSIBILITIES

Authorized dealers will not handle or re-sell vehicles in their non-business hours. This contract will be void

G. OWNER'S RESPONSIBILITIES

The Owner shall operate and maintain the engine according to the guidelines and recommendations as specified in the appropriate Caterpillar Vehicle Engine Operation & Maintenance Management Guide. The Owner shall provide proof of compliance with the Maintenance Schedules, such as receipts or copies of work orders or invoices from authorized dealers showing the maintenance and services performed.

In the event of a covered component failure, the Owner must promptly make the engine available to an authorized dealer for repair and provide proof of this service contract registration by presenting the customer copy of the Registration Certificate.

The Owner is responsible for all costs not covered by this service contract as specified in Section VI, Exclusions and Limitations.

H. EXCLUSIONS & LIMITATIONS

This service contract does not cover component failures caused by:

- dealer workmanship on subsequent repairs and dealer workmanship on repairs made to non-covered components.
- non-covered components (including bolts, clamps, and other fasteners that attach non-covered components to the engine).
- operator abuse, neglect, improper operation or accident.
- non-Caterpillar attachments, accessories and parts (any engine part that is not identified by a Caterpillar part number), including, but not limited to: engine compressor and exhaust brakes, fans, radiators, air to air aftercooler cores, air conditioning compressors, clutches, filters, transmissions, torque converters, steering pumps, hoses, belts and clamps.
- an application or installation not approved by Caterpillar.
- normal wear out, including but not limited to oil consumption, chemical/mechanical erosion and/or leaking seals or gaskets.
- unauthorized repairs or adjustments, including but not limited to: improper fuel setting and valve lash adjustments.
- repairs or alterations made by an unauthorized dealer.
- brakes/steer unless specified as option on contract.
- fuel transfer pump, fuel priming pump, fuel injectors and fuel nozzles, thermostat, starters, alternators, turbocharger, air compressor, electronic connectors and wiring.
- steel shims and cast iron block inserts.
- acts of God, war, vandalism, riot, theft, explosion, and any other act of nature or man.
- failure to follow maintenance procedures and scheduled component inspections/replacements as specified in the Caterpillar Vehicle Engine Operation and Maintenance Management Guide.

This service contract also does not pay for:

- normal preventative maintenance and scheduled component inspections/replacements as defined in the Caterpillar Vehicle Engine Operation and Maintenance Management Guide, including but not limited to valve lash adjustments, inspection/Scheduled Oil Sampling and maintenance items such as lube oils, filters, belts and hoses.
- performance complaints, including but not limited to, any adjustments to fuel setting, P.A.R tests, or programming of the Electronic Control Module.
- reimbursement for any travel or towing, or overnight lodging or meals or communications expenses and any other downtime or downtime-related expenses cargo damage or economic loss.
- any and all taxes.
- parts shipping charges.

I. TRANSFER OF COVERAGE

The remaining coverage of this service contract may be transferred to subsequent owners during the coverage period at no charge, provided the new owner of the vehicle presents a copy of the current Registration Certificate to an authorized dealer within ten (10) days of the transfer of the vehicle title. Remaining coverage cannot be transferred from a covered engine to a non-covered engine.

J. REFUNDS

Any and all service contract fees are non-refundable.

K. DISCLAIMERS

CATERPILLAR'S RESPONSIBILITIES UNDER THIS SERVICE CONTRACT ARE LIMITED TO THE PROVISION OF MATERIALS AND LABOR AS SPECIFIED HEREIN.

CATERPILLAR DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTIES IN CONNECTION HEREWITHE, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

REMEDIES UNDER THIS SERVICE CONTRACT ARE LIMITED TO THE PROVISION OF MATERIALS AND LABOR AS SPECIFIED HEREIN.

CATERPILLAR IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

REPLACEMENT PARTS FURNISHED UNDER THE TERMS OF THIS SERVICE CONTRACT ARE COVERED UNDER THE APPLICABLE REPLACEMENT PARTS WARRANTY.

THIS SERVICE CONTRACT DOES NOT SUPERSEDE THE EMISSION WARRANTY FOR EMISSION-RELATED COMPONENTS.

MISREPRESENTATION OF THE ENGINE'S ELIGIBILITY FOR COVERAGE, OR THE ACTUAL ACCUMULATED MILEAGE, HOURS, OR AGE SHALL RESULT IN CANCELLATION OF THIS SERVICE CONTRACT BY CATERPILLAR WITH NO REFUND. CATERPILLAR SHALL BE ENTITLED TO ALL OTHER REMEDIES

**Caterpillar On-Highway Vehicle Engine
Extended Service Coverage
Registration Form
For Multiple Unit Registrations**

Date 3-7-00ECI # 1.77.29Customer Name TRUCK SERVICEMailing Address 7 Cristo LaneCity FrederickState/Province Zip/Postal Code MD 21727Phone Number (301) 771-7021

Comments

	Model	H/P	Engine S/N	Vehicle ID #	Unit #	Del. Date	Start Miles
1	C-12	300/410	343-27762	F57100	6000	01-15-00	
2		245	27817	F57103	6100	12-08-99	6
3		245	27878	F57162	6200	01-15-00	7
4		245	27136	F57161	6300	01-15-00	
5		245	27264	F57165	6700	12-08-99	
6		245	27252	F57170	6800	01-15-00	
7		245	28378	F57177	6900	01-15-00	
8		245	27844	F57180	7100	01-15-00	60
9		245	27902	F57174	7400	01-15-00	8
10		245	27977	F57168	7500	01-15-00	
11		245	27871	F57161	7600	12-08-99	
12		245	28368	F57175	7700	01-15-00	0
13		245	27861	F57171	7800	01-15-00	1512
14		245	27756	F57169	7900	01-15-00	1545
15		245	27857	F57172	8000	01-15-00	1686
16		245	28276	F57167	8100	01-15-00	195
17		245	27749	F57173	8200	01-15-00	6
18		245	27753	F57176	8400	01-15-00	6
19		245	27731	F57166	8600	12-08-99	71
20		245	27873	F57164	8500	01-15-00	67

This form is to be used as an addendum to On-Highway Vehicle Registration Certificate (LELT6573) which identifies specific terms, conditions, and component coverages.

LELT8361-01